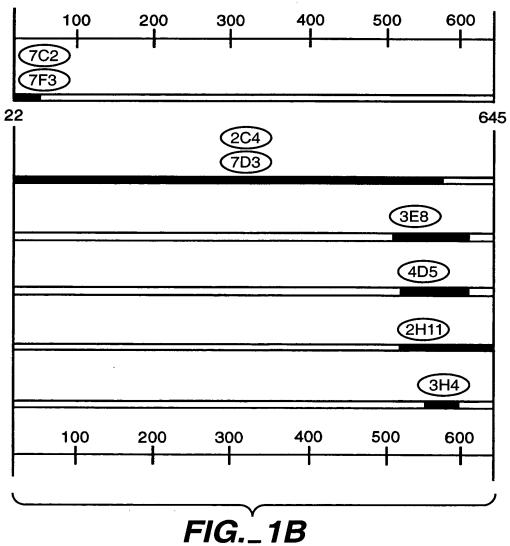
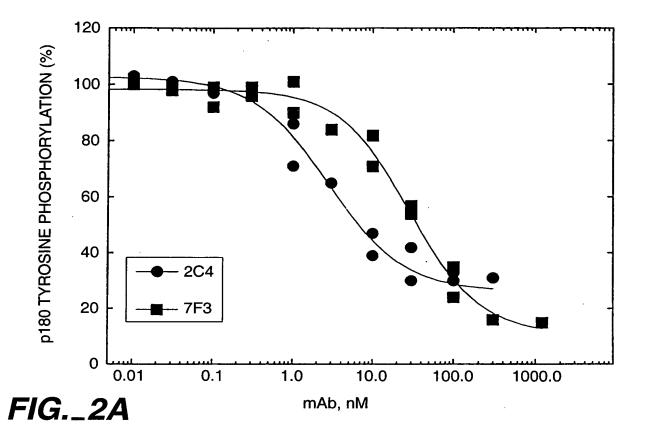
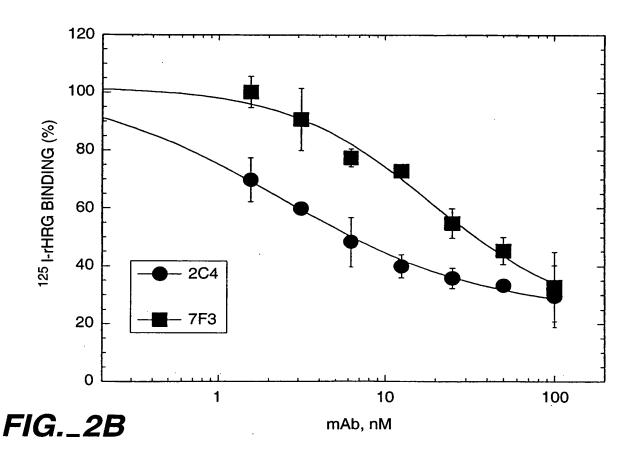
1 MELAALCRWG LLLALLPPGA ASTQVCTGTD MKLRLPASPE THLDMLRHLY QGCQVVQGNL ELTYLPTNAS LSFLQDIQEV QGYVLIAHNQ VRQVPLQRLR 101 IVRGTQLFED NYALAVLDNG DPIANTTPVT GASPGGLREL QLRSLTEILK GGVLIQRNPQ LCYQDTILWK DIFHKNNQLA LTLIDTNRSR ACHPCSPMCK 201 GSRCWGESSE DCQSLTRTVC AGGCARCKGP LPTDCCHEQC AAGCTGPKHS DCLACLHFNH SGICELHCPA LVTYNTDTFE SMPNPEGRYT FGASCVTACP ETLEEITGYL YISAWPDSLP DLSVFQNLQV IRGRILHNGA YSLTLQGLGI SWLGLRSLRE LGSGLALIHH NTHLCFVHTV PWDQLFRNPH QALLHTANRP EDECVGEGLA CHQLCARGHC WGPGPTQCVN CSQFLRGQEC VEECRVLQGL PREYVNARHC LPCHPECQPQ NGSVTCFGPE ADQCVACAHY KDPPFCVARC 301 YNYLSTDVGS CTLVCPLHNQ EVTAEDGTQR CEKCSKPCAR VCYGLGMEHL REVRAVTSAN IQEFAGCKKI FGSLAFLPES FDGDPASNTA PLQPEQLQVF 601 PSGVKPDLSY MPIWKFPDEE GACQPCPINC THSCVDLDDK GCPAE (SEQ ID NO: 13) 501

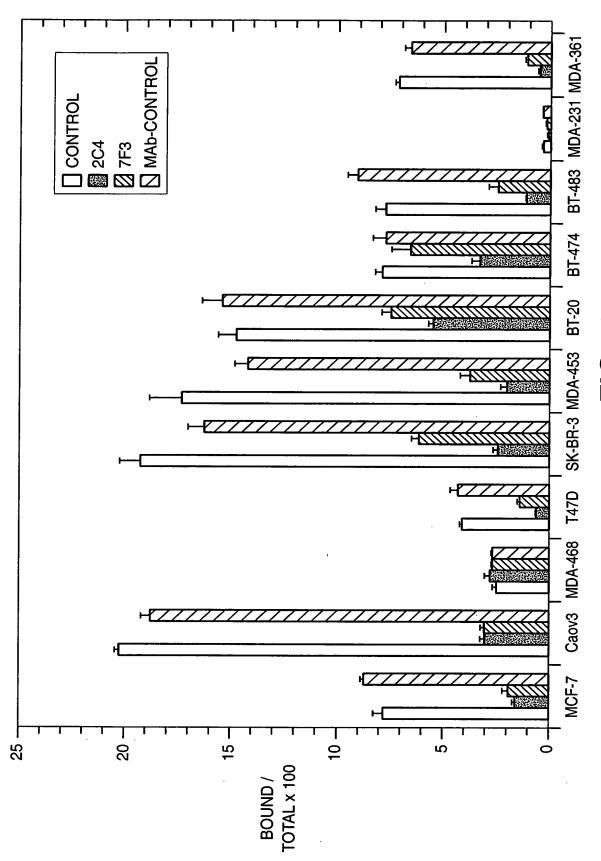
FIG.\_1A

7C2	aa	22-53	(31 RESIDUES)
7F3	aa	22-53	(31 RESIDUES)
2C4	aa	22-584	(562 RESIDUES)
7D3	aa	22-584	(562 RESIDUES)
3E8	aa	512-625	(113 RESIDUES)
4D5	aa	529-625	(96 RESIDUES)
2H11	aa	529-645	(116 RESIDUES)
3H4	aa	541-599	(58 RESIDUES)

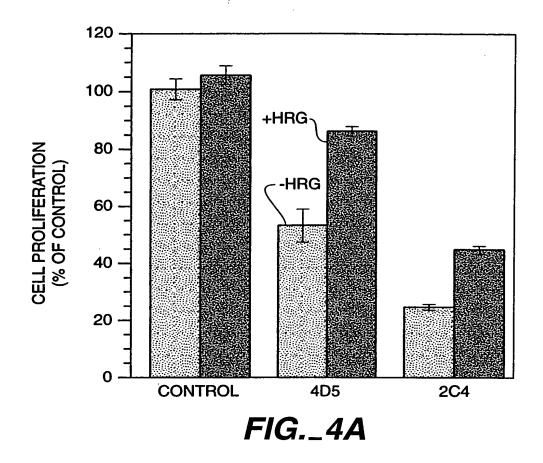


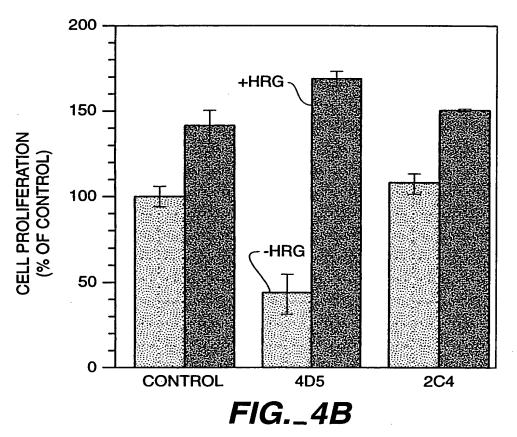


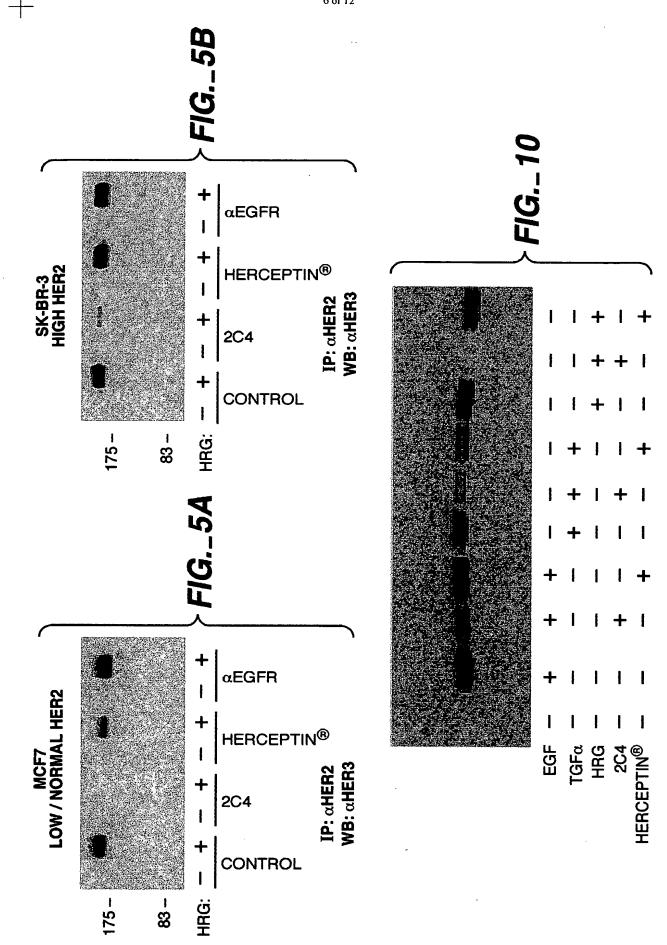


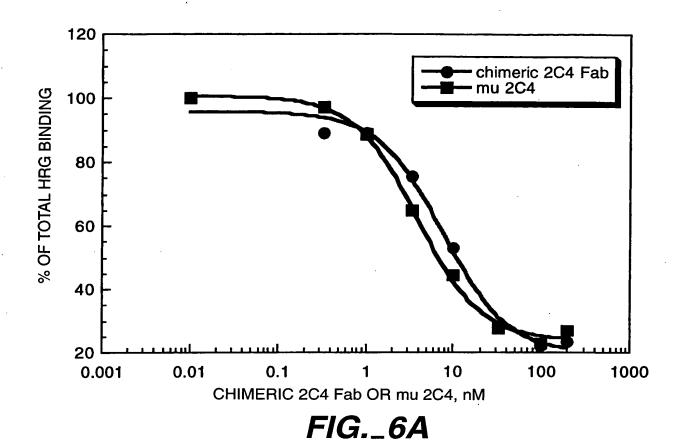


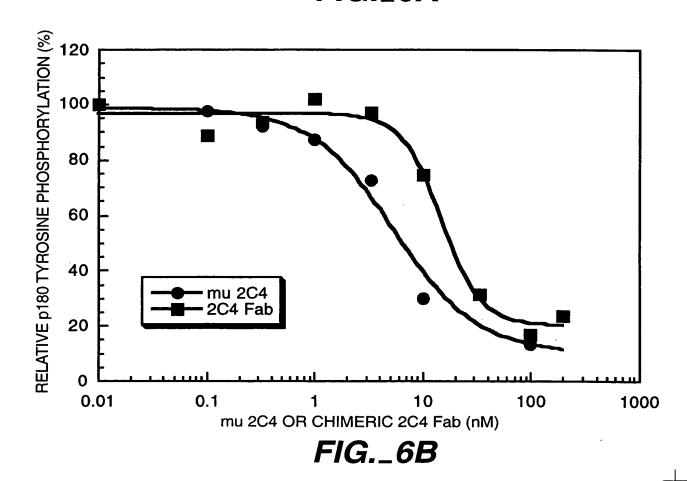
F/G.\_3











## **VARIABLE LIGHT**

	10	20	)	30	40
2C4	DTVMTQSHK1	MSTSVGDRVS	=	DVSIGVA)	WYQQRP *
574	DIQMTQSPSS	SLSASVGDRVI		DVSIGVA]	WYQQKP
hum KI	DIQMTQSPSS	SLSASVGDRVI	TITC [RASQ	SISNYLA]	WYQQKP
		50	60	70	80
2C4	GQSPKLLIY	[SASYRYT]	GVPDRFTGS0	GSGTDFTF *	TISSVQA * *
574	GKAPKLLIY	[SASYRYT] * ****	GVPSRFSGS	GSGTDFTL	TISSLQP
hum ĸI	GKAPKLLIY	[AASSLES]	GVPSRFSGS	GSGTDFTL	TISSLQP
		90	100		
2C4	EDLAVYYC	[QQYYIYPYT]		IK (SEQ	ID NO:1)
574	EDFATYYC	[QQYYIYPYT] *** *	FGQGTKVE	IK (SEQ	ID NO:3)
hum ĸI	EDFATYYC (	[QQYNSLPWT]	FGQGTKVE	IK (SEQ	ID NO:5)

## FIG.\_7A

## **VARIABLE HEAVY**

2C4	10 EVQLQQSGPELV	20 KPGTSVKISCKAS * * *** *	30 [GFTFTDYTMD]	40 WVKQS * *
574	EVQLVESGGGLV	QPGGSLRLSCAAS	[GFTFTDYTMD] ** * *	WVRQA
hum III	EVQLVESGGGLV	QPGGSLRLSCAAS	[GFTFSSYAMS]	WVRQA
	50	a 60	70	80
2C4	HGKSLEWIG [D	VNPNSGGSIYNQRI	FKG] KASLTVDRS	SSRIVYM **** *
574	•	VNPNSGGSIYNQRI	•	SKNTLYL
hum III	PGKGLEWVA [V	ISGDGGSTYYADS	/KG] RFTISRDN:	SKNTLYL
	abc 9	0 100a	ab 110	)
2C4	ELRSLTFEDTAV	YYCAR [NLGPSF	YFDY] WGQGTTL: **	rvss (SEQ ID NO:2
574	QMNSLRAEDTAV	YYCAR [NLGPSF]		rvss (SEQ ID NO:4
hum III	QMNSLRAEDTAV	YYCAR [GRVGYS]	LYDY] WGQGTLV	TVSS (SEQ ID NO:6

## FIG.\_7B

